

Converting Colors

CIELCh(65, 62.012, 75.325)

Have a look what the booklet for
CIELCh(65, 62.012, 75.325) contains.

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Color

CIELCh(65, 61.845, 75.296)

Conversions

Conversions Part 1

Format	Color
Hex	D1912B
RGB	209, 145, 43
RGB Percent	82%, 57%, 17%
CMY	0.1798, 0.4308, 0.8308
CMYK	0.00, 0.31, 0.79, 0.18
HSL	37°, 66%, 49%
HSV	37°, 79%, 82%
XYZ	36.9250, 34.0472, 6.9256
YIQ	152.5080, 70.8860, -18.1540

Conversions

Conversions Part 2

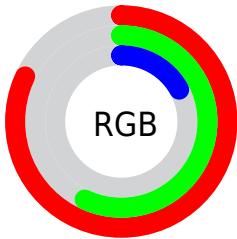
Format	Color
RYB	147, 209, 43
Decimal	13734187
CIELab	65.00, 15.70, 59.82
CIElCh	65, 61.845, 75.296
Yxy	34.0472, 0.4740, 0.4371
Android (android.graphics.Color)	4291924267 (0xFFD1912B)
YUV	152.5080, -53.9874, 49.5435
Hunter-Lab	58.3500, 10.8459, 33.8078

Details

The CIELCh color **65, 61.845, 75.296** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **47, 60.663, 285.768**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 58.289, 80.845**, and **45, 55.260, 73.470** is the 20% darker color. If you saturate the color by 10%, you get **63, 67.449, 73.194**, and if you desaturate by 10%, it is **67, 54.705, 77.050**.

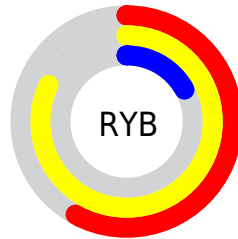
Distribution



Red (82%)

Green (57%)

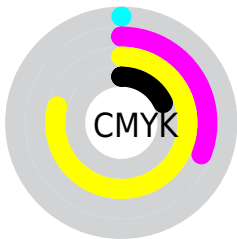
Blue (17%)



Red (58%)

Yellow (82%)

Blue (17%)

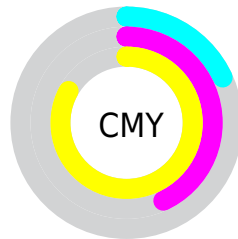


Cyan (0%)

Magenta (31%)

Yellow (79%)

Black (18%)



Cyan (18%)

Magenta (43%)

Yellow (83%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 61.845, 75.296 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 65, 61.845, 75.296 by changing the saturation by 10% instead.

 65, 61.845, 75.296

 65, 61.845, 75.296

 100, 61.845,
75.296

 55, 61.845, 75.296

 85, 61.845, 75.296

 45, 61.845, 75.296

 95, 61.845, 75.296

 35, 61.845, 75.296

 25, 61.845, 75.296

 15, 61.845, 75.296

 5, 61.845, 75.296

 0, 61.845, 75.296

 65, 61.845, 75.296

 65, 61.845, 75.296

 63, 67.449, 73.194

 67, 54.705, 77.050

61, 70.988, 70.592

69, 46.807, 78.617

61, 71.204, 70.430

72, 38.640, 80.089

74, 30.472, 81.505

76, 22.434, 82.880

79, 14.588, 84.214

81, 6.952, 85.494

84, 0.472, 267.405

87, 7.696, 268.042

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65, 61.845, 75.296



47, 60.663, 285.768

Rectangle

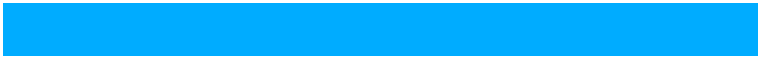
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 61.845, 75.296



65, 61.845, 125.296



65, 61.845, 255.296



65, 61.845, 305.296

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65, 61.844, 75.299



93, 21.380, 83.565



48, 66.652, 3.041



48, 14.762, 83.081



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 61.844, 75.299



74, 81.185, 71.456



80, 77.035, 108.731



43, 4.210, 85.489



50, 60.530, 70.975



10, 16.224, 72.664

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47, 60.663, 285.768



49, 86.592, 292.296



32, 99.103, 304.829



41, 4.185, 268.006



31, 65.184, 293.118



5, 18.657, 280.438

Previews

White Background



This preview shows how the CIELCh color 65, 61.845, 75.296 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 61.845, 75.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 61.845, 75.296

Background



This preview shows how black text looks on a background with the CIELCh color 65, 61.845, 75.296.



This preview shows how white text looks on a background with the CIELCh color 65, 61.845, 75.296.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65, 61.845, 75.296

Protanopia

65, 57.403, 95.298

Deuteranopia

65, 60.823, 81.935



Tritanopia
65, 32.324, 13.233

Trichromacy



Original Color
65, 61.845, 75.296

Protanomaly
65, 57.846, 87.349

Deuteranomaly
65, 61.054, 79.223

Tritanomaly
65, 37.213, 47.966

Monochromacy



Original Color
65, 61.845, 75.296

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 22.890, 82.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 61.845, 75.296 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(209, 145, 43)` looks like.

```
.text, #text, p{  
    color:rgb(209, 145, 43)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(209, 145, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 145, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 61.845, 75.296 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 145, 43) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(209, 145, 43) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(209, 145, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 145, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 145, 43);  
box-shadow:4px 4px 4px 4px rgb(209, 145,  
43) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 61.845, 75.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 145, 43) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(209,  
145, 43) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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